Patent

Docket No. 5007756-85 Serial No. 10/676,348 Customer No. 021129

Amendments to the claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-17 (Cancelled).

18. (New) An ejector for use in a product determination and separation line, the line including a conveyor for transferring a product from a first location, said ejector comprising:

a flipper arm;

an actuator for rotating said flipper arm around an axis substantially perpendicular to the conveyor direction; and

a support for locating said flipper arm and said actuator above a surface of the conveyor, wherein said support comprises a first member being adapted to fixedly attach attached to a frame of said conveyor and a second member being adapted to pivotably attach via a releasable connection to said first member.

19. (New) The ejector as claimed in Claim 18 wherein said releasable connection comprises a screw and threads.

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20. (New) An ejector for use in a product determination and separation line, the line

including a conveyor for transferring a product from a first location, said ejector comprising:

a flipper arm;

an actuator for rotating said flipper arm; and

a support for locating said flipper arm above a surface of the conveyor to at least partially

overlap a belt of the conveyor when said flipper arm is in a non-activated position, wherein said

support comprises a first member being adapted to fixedly attach attached to a frame of said

conveyor and a second member being adapted to pivotably attach via a releasable connection to said

first member, wherein said flipper arm is positioned below said actuator.

21. (New) The ejector as claimed in Claim 20 wherein said releasable connection

comprises a screw and threads.

22. (New) The ejector as claimed in Claim 20 wherein said actuator is located above the

surface of the conveyor.

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23. (New) An ejector for use in a product determination and separation line, the line

including a conveyor for transferring a product from a first location, said ejector comprising:

a flipper arm;

an actuator for rotating said flipper arm around an axis substantially perpendicular to the

conveyor direction; and

a support for locating said flipper arm and said actuator above a surface of the conveyor,

wherein said support comprises a first member being adapted to attach to a frame of said conveyor

and a second member being adapted to pivotably attach to, and utilize gravity to swing away from,

said first member.

24. (New) An ejector for use in a product determination and separation line, the line

including a conveyor for transferring a product from a first location, said ejector comprising:

a flipper arm;

an actuator for rotating said flipper arm; and

a support for locating said flipper arm above a surface of the conveyor to at least partially

overlap a belt of the conveyor when said flipper arm is in a non-activated position, wherein said

support comprises a first member being adapted to attach to a frame of said conveyor and a second

member being adapted to pivotably attach to, and utilize gravity to swing away from, said first

member and wherein said flipper arm is positioned below said actuator.

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25. (New) An ejector for use in a product determination and separation line, the line

including a conveyor for transferring a product from a first location, said ejector comprising:

a flipper arm;

an actuator for rotating said flipper arm; and

a support for locating said flipper arm and said actuator above a surface of the conveyor,

wherein said support comprises a first member being adapted to adjustably attach to a frame of said

conveyor and a second member being adapted to attach via a releasable hinged connection to said

first member.

26. (New) An ejector for use in a product determination and separation line, the line

including a conveyor for transferring a product from a first location, said ejector comprising:

a flipper arm;

an actuator for rotating said flipper arm; and

a support for locating said flipper arm and said actuator above a surface of the conveyor,

wherein said support comprises a first member being adapted to adjustably attach to a frame of said

conveyor and a second member being adapted to attach via a releasable connection and utilize

gravity to swing away from said first member.